



JEPPIAAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

Self-Belief | Self Discipline | Self Respect

Kunnam, Sunguvarchatram, Sriperumbudur-631604



DEPARTMENT OF ELECTRONICS AND COMMUNICATION CONFERENCE PUBLICATIONS

Academic Year 2021 – 22

S.No	Faculty Name	Title of the Paper	Conference Details	Organized by	Conference Date	National/ International
1	Dr.R.Uma	VLSI Based Cardiac Health Care Analyser	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
2	Dr.R.Uma	Design Of Fast Prefix Computation Carry Lookahead Adder for FPGA Using Quartus II Software	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
3	Dr.L.M.Merlin Livingston	Library Management System Using Speech Recognition	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International

4	Dr.R.Uma	A New Low-Power and High-Speed Recursive Multiplier Cell	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
5	Mrs. Nancy W	Design of Low Power and High Speed Recursive Parallel Multiplier	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
6	Dr.Kamatchi S	Remote Monitoring of Abnormality in Heart Rate Using Mm-Waves	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
7	Dr.R.Uma	Design Of High-Speed Parallel Prefix Adder for FPGA Using Quartus II Software	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
8	Mrs.W.Nancy	An Analytical Review on Rectenna Systems for Radio Frequency Energy Harvesting and Wireless Power Transfer	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
9	Ms.A.Parimala,	Automatic Smart Parking System Using IOT With EV- Charging Point in Crowd Sensing Area	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
10	Dr.R. Uma	A Design Perspective of Single Bit Adder Using Dual Rail Domino Logic	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
11	Dr. Uma R	Design Of Full Adder Using Symmetric CMOS Technology	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International

12	Dr.R.Thandaiah Prabu	Detection of Breakage and Alerting in High Voltage Transmission Lines	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
13	Mrs. Nancy W	An Effective Step to Realtime Implementation of 17Accident Detection System Using Image Processing	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
14	Mrs. M. Benisha	Overview of Parker Solar Probe	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
15	S.Mary Cynthia	Smart Segregation of (Dry and Wet) Waste	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
16	Dr. S. Arul	Smart Stick- Detecting Obstacles and Warning	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
17	Dr.S Kamatchi	Hazardous Smoke Detection using IOT	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
18	Mrs.M. Benisha	Solar Energy Harvesting from Solar Power Satellite	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
19	Mrs.M. Benisha	Study of Geo Satellite Communication using Internet of Things	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International

20	Ms. R. Careline Claude	V2V Communication using Advanced VANET System	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
21	Dr.S.Kamatchi	Neural Network Validation of Regression Classified Signal	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
22	L. M. Merlin Livingston,	Hydroponics using Internet of Things	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
23	Dr. L.M. Merlin Livingston	Library Automation using Speech Recognition	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
24	Mrs.Benisha M	Maximum Power Point Tracking Based on IOT	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
25	Dr.S.Kamatchi	Respiration Rate Estimation Using Gaussian Process Regression (GPR) Model	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
26	Dr. S. Kamatchi	Adriano Based, Obstacle Avoiding and Multicontrol Robot Car	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
27	Mrs. M.Benisha	Satellite Technologies for Agriculture Development	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International

28	Mrs.Benisha M	Satellite Technology for Weather and Disaster Management	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
29	Mrs.M.Benisha,	Artificial Intelligence and On-Body Antenna Designs for Bio-Medical Applications	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
30	Ms.Surekha	Compact, Low-Profile Fractal Antenna for Wearable On-Body WBAN Applications	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
31	Mrs. W. Nancy	Controlling and Monitoring Electricals Over Internet (IOT)	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
32	Dr. S. Arul	Covid Analysis (Data Science)	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
33	Ms. Rubala R.	Smart Segregation of (Dry and Wet) Waste (Arduino Mega 2560.)	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
34	Mr. Sengol Jeyaseelan	Headphone on Artificial Ear	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
35	Mrs.Nancy. W	Accident Prevention System using Eye Blink Sensor	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International

36	Mrs. Nancy W	A Survey on Security Threats and Authentication Approaches in Wireless Sensor Networks	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
37	Mrs.S.Mary Cynthia	Accurate Diagnosis of Mild Traumatic Brain Injuries from Conventional MRI	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
38	Ms.Surekha	Smart Flask with Temperature Adjustment using Peltier Device	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
39	A. Parimala	ECG Sensing for Health Monitoring Applications through Wireless Capacitive Model	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
40	A.Parimala	A Survey on Smart Grid and Wireless Sensor Network	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
41	Ms. S. Mary Cynthia	RFID Scanning for Door Lock (Radio Frequency Identification using Arduino)	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
42	Mrs.M.Benisha	Traffic and energy aware routing for heterogeneous wireless sensor networks	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
43	Dr.L.M.Merlin Livingston	Performance enhancement of building energy through the combination of dynamic insulation	International Conference on Energy Storage Technology and Power Systems (ESP S 2022)	Guilin , China	February 25 -27 , 2022	International

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Academic Year CAYm3: 2020 – 21						
S.No	Faculty Name	Title of the Paper	Conference Details	Organized by	Conference Date	National/ International
1	Ms. A.Parimala, Mrs. W.Nancy	Adaptive Hybrid Transmission Scheme for Mobile IPTV.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
2	Ms. A.Parimala, Mrs. W.Nancy	Attendance Management System using Contour let Algorithm.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
3	Ms.Nancy W	Human Hand Prosthesis Based on the Generation of EMG Signal.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
4	Ms. Rubala R	Health Monitoring using Wearable IOT Sensor.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
5	Mr.Siva M	Design of Low Power and High Speed recursive Parallel Multiplier.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
6	Dr.R.Uma	Forest Monitoring and Alert System.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International

7	Mr.Siva.M	Design of 3×3 Reversible Gate using Combinational Circuits.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
8	Ms. Rubala R	Soft Robot Locomotion through Environment Growth.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
9	Ms.Rubala R, Dr.S.Arul	Development of Receiver SNR Ratio using Diversity Combining Techniques.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
10	Mrs.S.Mary Cynthia	A Protection Method of Forest Trees Against Poaching using WSN Node.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
11	Ms.Parimala A	Design of Interleaverbased UWB Transmitterfor Wireless System.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
12	Mrs. Benisha M	Guiding and Controlling Boat using Wireless System.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
13	Dr.L.M.Merlin Livingston,	Information Retrieval using Embedded System.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
14	Dr. R.Thandaiah Prabu, Mrs.M.Benisha	Analytical Survey on Ultra-Wide Band Antenna for lower Band 5G Applications.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International

15	Mrs. Careline Claude R	Wireless Communication Technologies.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
16	Dr.L.M Merlin Livingston	Mobile Robot for Rescue System.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
17	Mrs.W.Nancy, Ms.A.Parimala,	Controlling and Montioring electricals over internet (IOT)	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
18	Mrs.W.Nancy	A Based Smart tree for metropoloton cities to increase air purity	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
19	Mrs. W.Nancy	Remote Monitoring of Abnormality in heart rate using MM-Waves	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
20	Mrs.W.Nancy, Mrs. S. Mary Cynthia	Plant Diseases Detection using Image Processing with data capturing by Drone	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
21	Mrs.W.Nancy, Mrs.M. Benisha, Mrs.R. Careline Claude	Wireless ECG Detector using GSM Tecchnology	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
22	Mrs. M.Benisha, Mrs. SMary Cynthia	IOT Based Smart Electric Pole	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International

23	Ms. A. Parimala	Design and implementation of IoT based smart laboratory	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
24	Mrs.R. Careline Claude, Dr. S. Kamatchi	An Approach towards Building an IoT Based Smart Classroom	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
25	Dr. S. Arul, Ms.S.Sureka, Mr.Sengol Jeyaseelan	A Review on “Microwave Photonics”	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
26	Dr. S. Arul, Dr. S. Kamatchi	The Power of Emotional Intelligence.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
27	Dr. S. Arul, Mr. Siva M, Mrs. W.Nancy	Underwater Wirless Optical Communication – A Perspective.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
28	Dr. S. Arul, Mrs.M. Benisha	SOI for Digital CMOS VLSI :Design Considerations and Advances	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
29	Dr. R. Thandaiah Prabu, Mr.V. Yokes, Mrs. S. Mary Cynthia	Speed Control of BLDC Motor using dsPIC Controller	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
30	Dr. S. Arul, Ms.R. Careline Claude, Dr. R. Thandaiah Prabu	Mobile Phone-Antenna Design	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International

31	Dr. R. Thandaiah Prabu, Mrs. W.Nancy, Ms.R.Rubala	A Step-Up SEPIC Converter for Grid - Connected Renewable Energy	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
32	Ms. Sureka S, Mr. Sengol Jeyaseelan	Analysis of Resonant converters with voltage-lift circuit	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
33	Dr. L.M. Merlin Livingston, Mrs.S. Mary Cynthia	Self-Lift -Converters	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
34	Dr. R. Thandaiah Prabu, Mr.Siva M	Speed control of Three Phase Induction Motor using LUO Converter	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
35	Ms.Sureka S, Mr.Siva M, Ms.A.Parimala	Towards Low-Cost, Real-Time, Distributed Signal and Data Processing for Artificial Intelligence Applications at Edges of Large Industrial and Internet Networks	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
36	Mrs.M. Benisha	Developing Smart Workspace Based IOT with Artificial Intelligence Using Telegram Chatbot.	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
37	Mrs. M. Benisha, Mrs.S. Mary Cynthia	IoT System for Implementation of Connected Lighting	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International

38	Mrs.M. Benisha, Dr. R. Thandaiah Prabu	Intelligent Energy Efficient Street Light Controlling System based on IoT for Smart City	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
39	Mrs.M. Benisha, Mr.Sengol Jeyaseelan, Dr. L.M. Merlin Livingston	An IOT Based Smart Cubicle System for Effective Power Usage and Employee Monitoring in Offices	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
40	Ms.M. Benisha, Ms.D.Flemitha Mary, Dr. R. Uma	An IoT-based automation system for older homes: a use case for lighting system	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
41	Dr. R. Uma, Mrs.R. Careline Claude, Ms.Sureka S	Energy efficient IoT-based smart home	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
42	Ms.Sureka S, Ms.Rubala R	A Compherensive survey of the use of IOT in agriculture	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
43	Ms.R. Careline Claude, Dr. S. Arul, Mr. V. Yokesh	WSN for forest fire detection	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
44	Ms. Sureka S, Ms. Rubala R	Innovative advances of IOT in agriculture	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
45	Ms.A. Parimala, Ms. M. Benisha	Survey of the use of MANETS in disaster management	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International

46	Mr.V. Yokesh, Ms. R. Careline Claude, Dr. R. Uma	Rescue information network for post earthquake rescue efforts	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	24th & 25th July 2020	International
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